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INTELLECTUAL PROPERTY LAW  
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OCT 24 2006

**FACSIMILE COVER SHEET**

Deliver to: Patel, Anand B., USPTO Art Group: 2116  
 Facsimile No.: (571) 273-8300 Date: October 24, 2006  
 From: Joseph Lutz, Reg. No. 43,765  
 Our Docket No.: 42P17408 Number of pages 15 including this sheet.  
 Application No.: 10/673,955 Filing Date: 9/29/2003  
 Docket Due Date(s): 10/30/2006

Enclosed are the following documents:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Amendment: <u>After Final</u> ( <u>11</u> pgs)           | <input type="checkbox"/> Issue Fee Transmittal                                    |
| <input type="checkbox"/> Appeal Brief ( <u>    </u> pgs)                                     | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application: <u>                                </u>                | <input type="checkbox"/> Petition for: <u>                                </u>    |
| ( <u>    </u> pgs) w/cover & abstract)   | <input type="checkbox"/> Request for Continued Examination (RCE)                  |
| <input type="checkbox"/> Assignment & Cover Sheet ( <u>    </u> pgs)                         | <input type="checkbox"/> Reply Brief ( <u>    </u> pgs)                           |
| <input checked="" type="checkbox"/> Certificate of Facsimile <u>                        </u> | <input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)     |
| <input type="checkbox"/> Continued Prosecution Application (CPA)                             | <input type="checkbox"/> Request to Rescind Previous Nonpublication Request       |
| <input type="checkbox"/> Declaration & POA ( <u>    </u> pgs)                                | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter |
| <input type="checkbox"/> Drawings: <u>    </u> sheets, <u>    </u> figures                   | <input type="checkbox"/> Response to Written Opinion ( <u>    </u> pgs)           |
| <input type="checkbox"/> Extension of Time: <u>                                </u>          | <input type="checkbox"/> Terminal Disclaimer                                      |
| <input checked="" type="checkbox"/> Fee Transmittal (in duplicate)                           | <input type="checkbox"/> Transmittal of Publication Fee Due                       |
| <input type="checkbox"/> IDS & PTO/SB/08 ( <u>    </u> pgs)                                  | <input checked="" type="checkbox"/> Transmittal Letter                            |
| <input type="checkbox"/> Other <u>                                </u>                       |   |

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Annie McNally  
 Annie McNally

10/24/2006  
 Date

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/673,955
		Filing Date	September 29, 2003
		First Named Inventor	Jose Gonzalez
		Art Unit	2116
		Examiner Name	Patel, Anand B.
Total Number of Pages in This Submission	14	Attorney Docket Number	42P17408

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/D8 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return receipt postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or individual name	Joseph Lutz, Reg. No. 43,765 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	October 24, 2006

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Typed or printed name	Annie McNally		
Signature		Date	10/24/2006

Based on PTO/SB-21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (Ind.) 10/12/2006.  
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CENTRAL FAX CENTER**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

Complete if Known

OCT 24 2006

☐ Applicant claims small entity status. See 37 CFR 1.27.TOTAL AMOUNT OF PAYMENT (\$)  
0.00

Application Number	10/673,955
Filing Date	September 29, 2003
First Named Inventor	Jose Gonzalez
Examiner Name	Patel, Anand B.
Art Unit	2116
Attorney Docket No.	42P17408

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.☒ Credit any overpayments**FEE CALCULATION****1. EXTRA CLAIM FEES**

1. EXTRA CLAIM FEES

Total Claims	18	-	30*	-	Extra Claims	0	x	Fee from below	50.00	=	Fee Paid	\$0.00
Independent Claims	2	-	4*	-	Extra Claims	0	x	Fee from below	200.00	=	Fee Paid	\$0.00
Multiple Dependent												

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	2202	25		Claims in excess of 20
1201	2201	100		Independent claims in excess of 3
1203	2203	180		Multiple Dependent claim, if not paid
1204	2204	385		**Release Independent claims over original patent
1205	2205	150		**Release claims in excess of 20 and over original patent
SUBTOTAL (1)				(5) 0.00

\*\*or number previously paid, if greater. For Releases, see below

**2. ADDITIONAL FEES**

ADDITIONAL FEES		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1061	130	2051	65	Surcharge - late filing fee or oath
1062	50	2052	25	Surcharge - late provisional filing fee or cover sheet
2053	130	2053	130	Non-English specification
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1254	1,590	2254	795	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1,000	2403	500	Request for oral hearing
1451	1,510	2451	1,510	Petition to institute a public use proceeding
1490	130	2490	130	Petitions to the Commissioner
1807	50	1807	60	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)				
<hr/> SUBTOTAL (2)				

Fee Paid

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Joseph Lutz	Registration No. (Attorney/Agent)	43,765	Telephone	(310) 207-3800
Signature		Date	10/24/06		

Based on PTO/59/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/12/15/2004).  
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**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

## Complete if Known

Application Number	10/673,955
Filing Date	September 29, 2003
First Named Inventor	Jose Gonzalez
Examiner Name	Patel, Anand B.
Art Unit	2116
Attorney Docket No.	42P17408

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments
**FEE CALCULATION****1. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee below	Fee Paid
18	30*	0	\$0.00
Independent Claims	2	4*	0
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 380	2203 180	Multiple Dependent claim, if not paid
1204 790	2204 395	**Release Independent claims over original patent
1205 300	2205 150	**Release claims in excess of 20 and over original patent
SUBTOTAL (1)		(\$) 0.00

\*or number previously paid, if greater. For Releases, see below

**2. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
2053 130	2053 130	Non-English specification
1251 120	2251 80	Extension for reply within first month
1252 450	2252 225	Extension for reply within second month
1253 1,020	2253 510	Extension for reply within third month
1254 1,690	2254 795	Extension for reply within fourth month
1255 2,150	2255 1,080	Extension for reply within fifth month
1401 500	2401 250	Notice of Appeal
1402 500	2402 250	Filing a brief in support of an appeal
1403 1,000	2403 500	Request for oral hearing
1451 1,510	2451 1,510	Petition to institute a public use proceeding
1460 130	2460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)
1806 180	1806 180	Submission of Information Disclosure Sheet
1809 790	1809 395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)		
SUBTOTAL (2)		(\$)

Fee Paid

**SUBMITTED BY**

Name (Print/Type)	Joseph Lutz	Registration No. (Attorney/Agent)	43,765	Telephone	(310) 207-3800
Signature		Date	10/24/06		

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/12/15/2004).  
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RECEIVED REPLY UNDER 37 CFR 1.116  
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OCT 24 2006

Attorney's Docket No. 42P17408

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
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In re Application of:  
Jose Gonzalez et al.

Application No.:  
10/673,955

Filed: September 29, 2003

For: APPARATUS AND METHOD FOR AN  
ENERGY EFFICIENT CLUSTERED  
MICRO-ARCHITECTURE

Examiner: Patel, Anand B.

Art Unit: 2116

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF  
Commissioner for Patents  
P. O. 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed August 30, 2006, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks.

42P17408

1

10/673,955